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(21) International Application Number: <b>PCT/EP97/02968</b> (22) International Filing Date: <b>4 June 1997 (04.06.97)</b>  (30) Priority Data: 9611775.9      6 June 1996 (06.06.96)      GB 9618540.0      5 September 1996 (05.09.96)      GB 9703493.8      20 February 1997 (20.02.97)      GB  (71) Applicant (for all designated States except US): <b>SMITHKLINE BEECHAM P.L.C. (GB/GB); New Horizons Court, Brentford, Middlesex TW8 9EP (GB).</b> (72) Inventors; and (75) Inventors/Applicants (for US only): <b>AL-BARAZANJI, Kamal, A. (GB/GB); SmithKline Beecham Pharmaceuticals, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). ARCH, Jonathan, Robert, Sanders (GB/GB); SmithKline Beecham Pharmaceuticals, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). CAMILLERI, Patrick (MT/GB); SmithKline Beecham Pharmaceuticals, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). NEVILLE, William, Arthur (GB/GB); SmithKline Beecham Pharmaceuticals, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB).</b>	(74) Agent: <b>RUTTER, Keith; SmithKline Beecham, Corporate Intellectual Property, Two New Horizons Court, Brentford, Middlesex TW8 9EP (GB).</b>  (81) Designated States: <b>AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).</b>  Published <i>Without international search report and to be republished upon receipt of that report.</i>	

(54) Title: **FRAGMENTS OF LEPTIN (OB PROTEIN)**

(57) Abstract

A leptin or ob peptide or a functional derivative, analogue or variant thereof, which modulates body weight substantially by means of modulating energy utilisation, a pharmaceutical composition containing such a compound, a process for the preparation of such a compound and the use of such a compound in medicine.

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